Summary of Key Points from the CALFED Bay-Delta Program Analytical Tools Work Sessions

Fish Species: Delta Resident Fish - Chinook Salmon (June 21)

General Comments

- Use best available information/data/relationships/models.
- Use balanced approach using narrative, indices, and models.
- Use strong relationships that are well known.
- Do not link relationships to develop indices/models unless the links are well known.
- Goal is not number of fish. Ecosystem integrity is important. Goal of program is to improve natural ecosystem functions and integrity.
- Sensitivity analysis is desirable, and explain rationale for all analyses/assumptions.

Assessment Variables

- Modular and flexible approach is needed. May need daily analyses for flow fluctuations on a particular river. Average monthly flows may be appropriate for other affects. Need to assess specific CALFED components.
- Focus on broad ecological functions.

Modeling Tools

- Do not rely heavily on indices or population models. Do not combine/lump, or multiply indices.
- Need to establish more tools to evaluate habitat restoration actions, design restoration component, and differentiate between alternatives.

Unresolved Issues

- How will modeling outputs be characterized? There is great difficulty in comparing and understanding different types of output.

Attendees

Wendy Halverson Martin - CALFED
Alice Low - CH2M Hill
Tom Taylor - Trihey & Associates
Jim Buell - MWD Consultant
Rick Breitenbach - CALFED
Bruce Herbold - EPA
Phil Dunn - CALFED Consultant
Russ Brown - CALFED Consultant
Jordan Lang - CALFED Consultant
Tom Cannon - CALFED Consultant
Warren Shaul - CALFED Consultant
Frank Wernette - DFG
Pete Chadwick - DFG
Ken Lentz - USBR
Randy Bailey - MWD Consultant
Leo Winternitz - DWR
Liz Howard - USBR
Dick Daniel - CALFED
Phil Unger - Entrix
Steve Ford - DWR
Terry Mills - DFG
Jim White - DFG
Jordan Lang - CALFED Consultant
Rick Soehren - CALFED